

Fig. 1

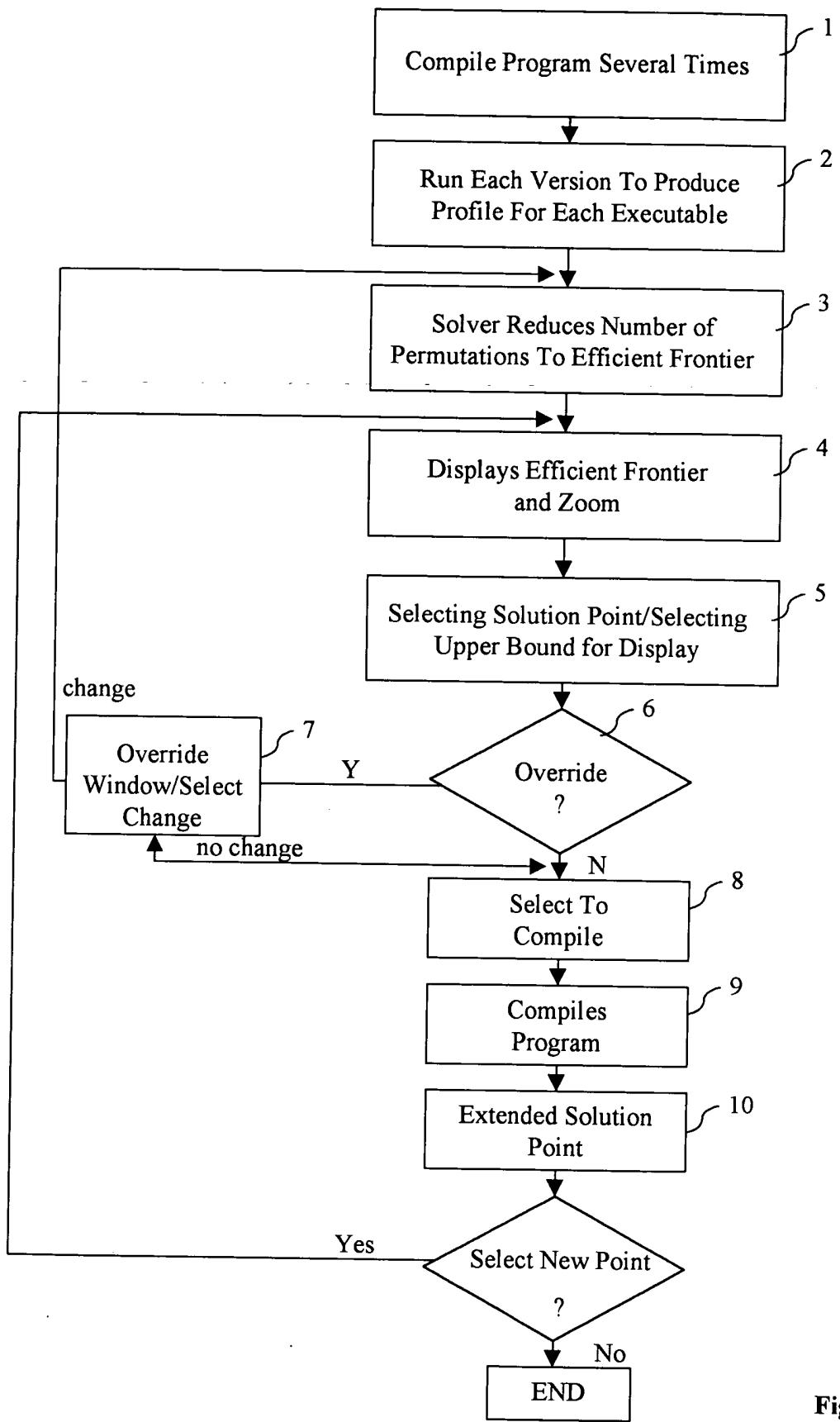


Fig. 2

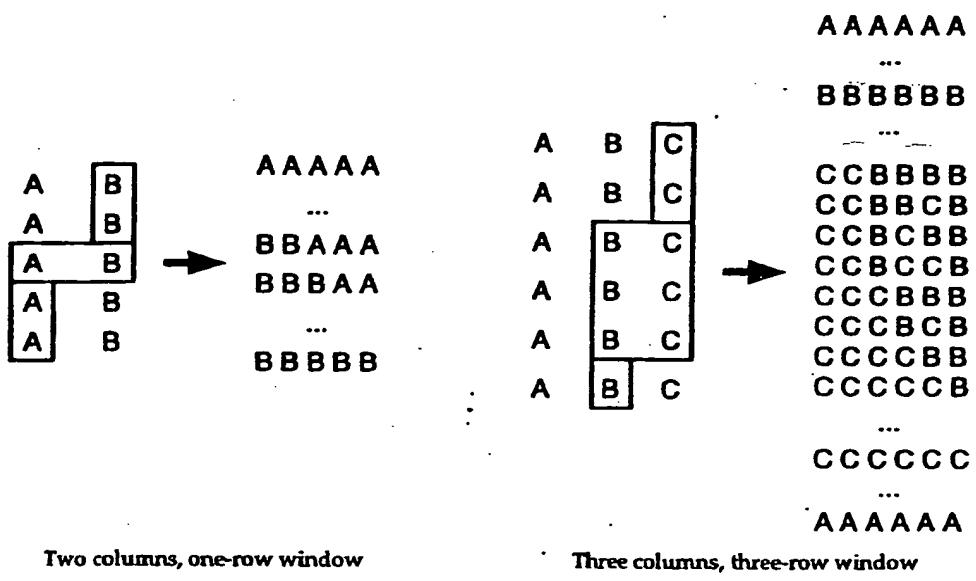


Figure 3: "Linear" Solution Generation

3075

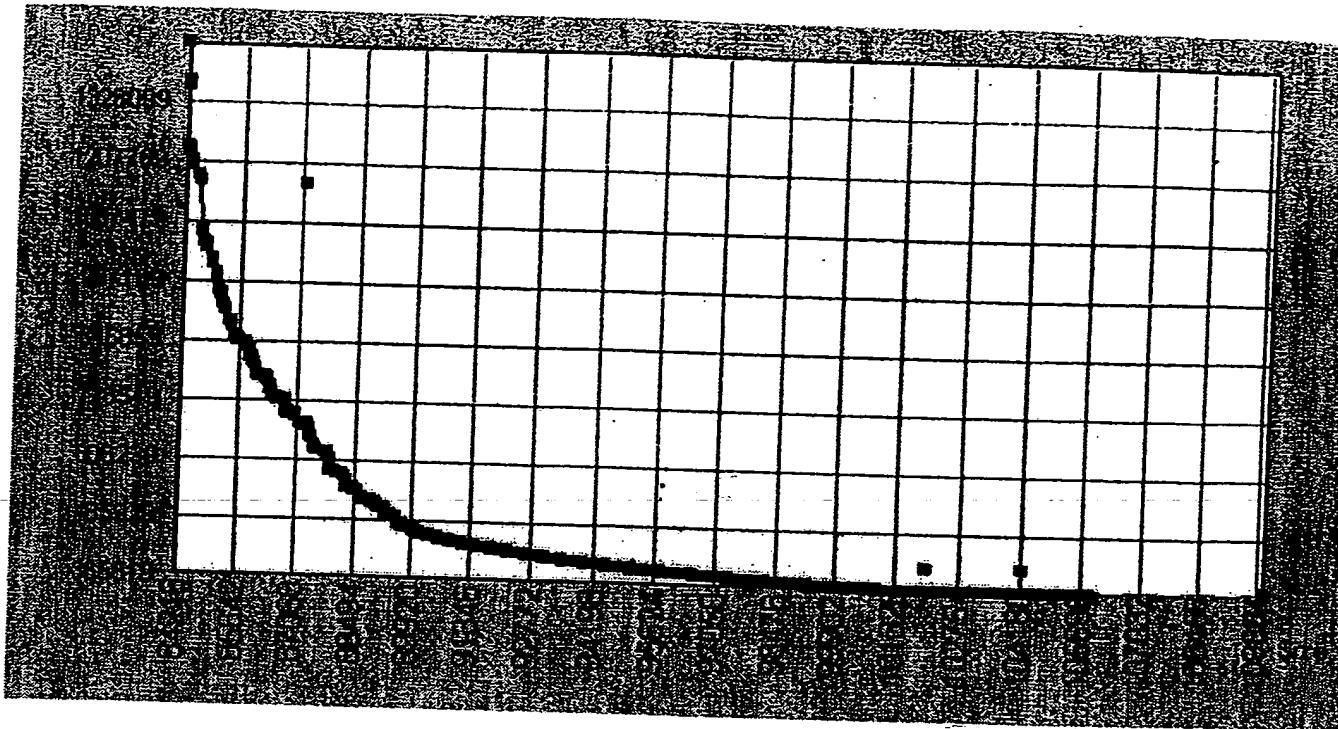


Figure 3.5

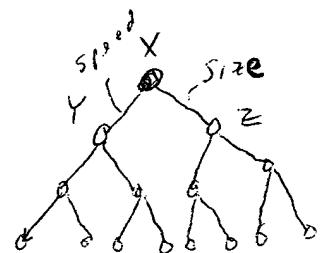


Fig 4

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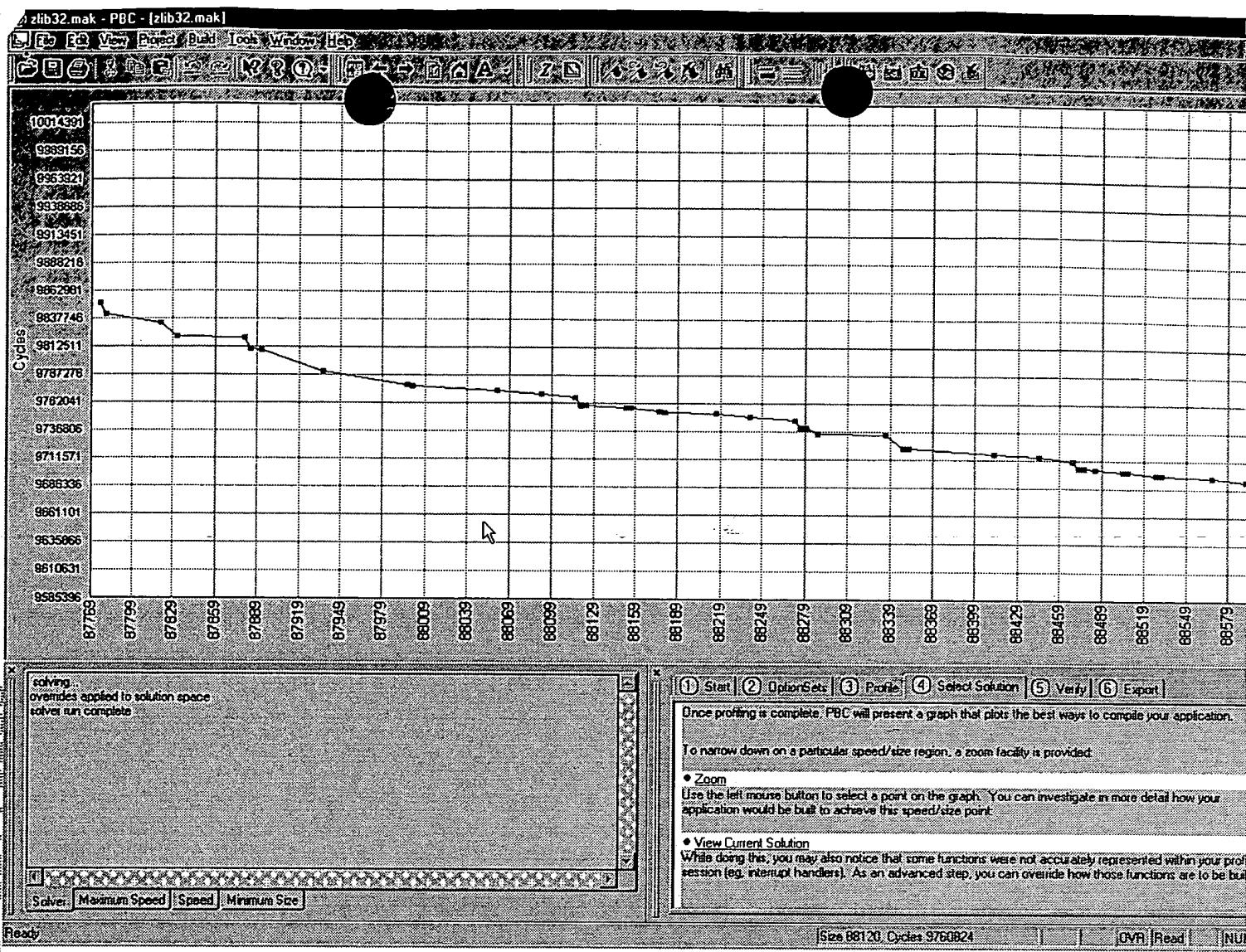


Fig. C

Function	Cycles	Size	OptionSet	Options
decoder_homing_ifa_rx_dlx	26	80	Size	-03.00 ms2
D_psi_5_Q_psi_5_decoder_reset_lpc2_lsif_wl_main	99 641 744 296 296 770 2919 274 315 242 506 RIR	900 1716 1448 368 224 236 1680 172 184 344 184 272	Minimum Size	-03.00 ms3 -03.00 ms2 -03.00 ms3

Figure 7

Overrides

	Search Type	Name	Value	Options
<input checked="" type="checkbox"/>	qp	None	67480	6364 -03.00
<input checked="" type="checkbox"/>	cor_hx	None	67864	6316 -03.00.ms0
<input checked="" type="checkbox"/>	cor_h	None	66380	6492 -03.00.ms1
<input checked="" type="checkbox"/>	build_code	None	217240	5048 -03.00.ms2
<input checked="" type="checkbox"/>	code_1040_35bits	None	292348	5056 -03.00.ms3
<input checked="" type="checkbox"/>	Coder_12k2	None		
<input checked="" type="checkbox"/>	Vq_subvec_s	None		
<input checked="" type="checkbox"/>	Vq_subvec	None		
<input checked="" type="checkbox"/>	lsp_wl	None		
<input checked="" type="checkbox"/>	nlkfc	None		

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Estimated		Actual	
Cycles	Size	Cycles	Size
114834	53024	414834	53068
Unprofiled Cycles	80458	Unprofiled Cycles	80532
Unprofiled Size	36988	Unprofiled Size	36436
Total Cycles	195792	Total Cycles	495369
Total Size	88112	Total Size	89504

Function	Estimated Cycles	Estimated Size	Options Set	Profiled Cycles	Profiled Size	Delta Cycles	Delta Size
search_1040	86380	6492	Speed	66380	6516	0	24
Syn_filt	32928	744	Maximum Spec.	32928	744	0	0
Vq_subvec	25520	320	Minimum Size	25520	320	0	0
Lag_max	22404	708	Maximum Spec.	22404	708	0	0
Vq_subvec_S	19769	616	Minimum Size	19769	616	0	0
Norm_Corr	16466	1280	Maximum Spec.	16466	1280	0	0
Coder_12k2	16030	3520	Minimum Size	16030	3520	0	0

Figure 9